Wideband Anti-Jam Modem (WAM) System Exhibit A (Development/Security)

Version 0 Rev 2 04 June 2019



Prepared by: Program Executive Office Command, Control, Communications, Computers and Intelligence PMW/A 170 Navy Communications Program Office 4301 Pacific Highway San Diego 92110-3127

Prepared by:		Date:	
	(b)(6); WAM COR		
Approved by:		Date:	
	(b)(6); WAM APM		

Document Change History

Rev	Date	Description of Change

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Papervork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contract/PR No. listed in Block E.

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- Format 1, Work Breakdown Structure (Mandatory), (DID Paragraph 3.2 applies)
- 2.2.2/3.2.4.1 Format 1 reporting levels will initially be at Level 3 of the CWBS for management and support activities and Level 4 for discrete work. Reporting levels will be adjusted at no cost to the government in conjunction with the IBR based on program risk as the program Responsibility Assignment Matrix is reviewed and risk further assessed. Reporting levels will be reviewed by the government quarterly, or as special interest areas arise. Reporting level changes will be mutually agreed to and documented via email from the COR. Contract modification is NOT necessary to update reporting levels.
- 3.2.4.2 Cost of Money (COM) costs shall be included at the CWBS level in block 8a of the IPMR Format 1 if the vendor's accounting system allows. Corresponding COM entries shall also be made in Block 8b of the IPMR Format 1.
- 3.2.4.3 G&A costs shall be included at the CWBS level block in 8a of the IPMR Format 1 if the vendor's accounting system allows. Corresponding non-additive G&A entries will also be made in Block 8c of the IPMR Format 1.
- Format 2 Organizational Breakdown Structure, (Negotiable for contract values less than \$50M, Mandatory for contract values equal to/greater than \$50M in then-year dollars)_ (DID Paragraph 3.3 applies) Program defined parameters within 3.3 include:
- 3.3.1.1 Format 2 IPMR reporting levels will follow the contractor's internal management structure (OBS) or the Program IPT structure.
- 3.3.1.1.2/3 Format 2 data shall provide standalone visibility for subcontractor efforts as well as material procurement. When Format 2 is tailored out of the IPMR, Format 1 shall contain standalone visibility for subcontract and material procurement.
- Cost of Money (COM))/G&A to follow the same methodology as Format 1.
- Formats 3 Baseline (Mandatory). All DI-MGMT-81861A (Paragraph 3.4):
- Formats 3 Forecast periods shall be monthly for at least six months, quarterly for at least two quarters, and then semi-annually, or annually to completion. All groupings will be consistent with the Government fiscal year
- 3.4.1.10 The planned completion date and estimated completion date shall equal the corresponding baseline and forecast completion dates in the IMS,
 Format 6. Any differences resulting in an OTS shall be reviewed and approved by the Government prior to incorporation into the PMB or the IPMR.
- 3.4.2.2 All changes to the PMB from the prior month will be explained in Format 5 and entered into Format 3, block 6b. Significant changes (+/- 5%) to the PMB in any given month shall be detailed by control account in Block 6.b of the Format 3. All other changes shall be summarized and discussed in Format 5. If the Format 3 is tailored out of the IPMR, all baseline changes shall be discussed in Format 5.
- Format 4, Staffing (Optional for contract values less than \$50M, Mandatory for contract values equal to/greater than \$50M in then-year dollars) All DI-MGMT-81861A Paragraph 3.5 applies.
- Formats 3 and 4 shall include identical forecast periods.
- 3.5.1 Format 4 shall be reported in hours and equivalent months.
- 3.5.1.4/5 Format 4 columns (4) through (14) Forecast (Non-Cumulative), the staffing forecast shall reflect the same staffing estimate used as the basis for the EAC reported in Column (15) on Format 1. Any significant change in the total number of hours/equivalent months at completion of the contract (i.e., Column 15 Total) shall be explained in Format 5.

When Format 4 is negotiated out of the contract, staffing data shall be included in the monthly CPSMR in a format described in the CPSMR CDRL.

- Format 5, Management Overview and Variance Analysis (Mandatory), All DI-MGMT-81861 (Paragraph 3.6 Requirements apply in its entirety). Program defined parameters within 3.6 include:
- 3.6.1 the Format 5 shall contain a General section which will provide the government with the following:
- Contract Summary: 3.6.2 This shall be a narrative at a program manager to program manager level which will describe the major program issues which have resulted in the contract's overall cost/schedule status. It shall highlight significant changes since the previous report. This section shall describe and status the corrective actions in place to resolve program issues. This section is intended to be a high level summary and limited to one page in length. This section shall not refer the reader to the WBS element VAR explanations in lieu of providing summary explanations.
- EAC Analysis: 3.6.4 shall be discussed in detail. This section shall include an explanation of the month's changes to the EAC in Format 1, Column 15. It will also explain the rationale of the creation of the Management Best Case, Worst Case, and Most Likely EAC's. The rationale for Management EAC formulation shall not be a result of using EVM metrics to calculate EAC's. Management EAC's should be adjusted based on program risk and include estimates for looming program events which will impact program cost. This section will explain the assumptions, conditions, methodology, and risk/opportunity incorporation in all 3 management EAC's. This section will explain the difference between the EAC on Format 1, Column 15 and the Most Likely Management EAC if applicable. It will include an assessment of the IMS status and the impact of schedule to the Most Likely EAC. This section will also include a table (by Format 1 WBS) of EAC changes by reportable WBS showing the prior EAC as compared to the current report's EAC. Explanations of the changes by WBS after a bottoms-up EAC, monthly reviews, significant impacts from re-planning, or burden rate changes shall be documented here.
- **UB Analysis**: 3.6.5 shall explain the components of Undistributed Budget balance changes from month to month. A plan to distribute Undistributed Budget shall also be included in the narrative.
- MR Analysis: 3.6.6 shall explain how MR was created in the initial report. Subsequently changes to MR will be fully explained. A comparison of MR to the program's Risk Register shall also be included in this section.
- IMS Discussion and analysis shall be included in totality as described in 3.6.7. Schedule variance narratives shall also identify the significant
 missed milestones, impact to major milestones, and expected recovery dates.

	CONTRACT DATA REQUIREMENTS LIST (1 Data Item)										
A.	CONTRACTLINEITEMNO. (see first page)	B.	EXHIBIT A	C. C	ATEG	ORY: TM		OTHER X			
C.	SYSTEM/ITEM WAMS		D.	CONTRACT/PR N00039-20-D-0065	NO.		E.	CONTRACTOR L3 TECHNOLOGIES, INC			

Cost and Schedule analysis by WBS:

3.6.10.2.1 Initial thresholds for the program are:

o Current Month Cost: +/- 5% and \$50k
o Current Month Schedule: +/- 5% and \$50k
o Cumulative Cost: +/- 10% and \$75k
o Cumulative Schedule: +/-10% and \$75k
o Variance at Completion: +/- 10% and \$75k

- 3.6.10.2.2 Thresholds above are initial thresholds and will be reviewed when the Government reviews the Contractor's Responsibility Assignment Matrix (RAM) in preparation for the IBR. Only at that time, when Control Account dollar values are disclosed, can initial variance thresholds be right-sized for the program. At the IBR, the initial variances may be adjusted based on RAM analysis. The thresholds will be periodically reviewed by the Government and Contractor during the performance of the contract to ensure the analysis is providing proactive insight to the cost and schedule performance on the program. Changes to the thresholds will be mutually agreed upon, documented via email from the Government COR and do not represent constructive changes.
- 3.6.10.2.3 Initially, the variance analysis pool will be determined by the Contractor using the government directed thresholds. The 15 reportable WBS variances will be determined based on dollar value, then by program risk. (If one WBS is reportable for cost, schedule, and EAC, it is ONE reportable WBS). If after this selection process, there are not 15 WBS element variances to discuss, the contractor will discuss WBS elements with emerging trends which will soon lead to threshold breach. If after this cycle of selection there are not 15 reportable WBS variances to discuss, the Contractor will so state in the Format 5.
- 3.6.10.2.4 The contractor is not prohibited from providing more analysis as warranted by cost/schedule performance issues, nor is the government prohibited from requiring more than 15 WBS elements to cover emerging trends. Neither situation represents a constructive change and/or additional cost to the Government. Additional analysis can be requested via email from the Government COR per guidance in DI-MGMT-81861.
- Current Month variances are to be explained separately from cumulative variances, and cost variances are to be explained separately from schedule variances. Variance at Completion analysis is to be included as defined above.
- Variance explanations for each CWBS element shall address the technical cause, the near-term impact to the reporting element, the impact to
 other elements and the overall program, and the corrective action plan established to adjudicate the issue. The corrective action plans are to be
 updated in each submittal if the variance is reported for more than one month.
- Format 6 (Mandatory), All DI-MGMT-81861 (Paragraph 3.7 Requirements apply). Program defined parameters in 3.7 include: The IMS shall include all contractual effort regardless of EVM applicability.
- The IMS shall be sufficiently detailed such that the network critical path, network near-critical paths, high risk and other significant technical efforts are identified and planned realistically to assure achievability. Network near-critical paths, high risk, and other significant effort IMS reporting requirements will be initially discussed, identified and mutually agreed upon to the maximum extent possible at the post award conference for the purposes of the initial IMS submittal, and finalized/documented as part of the initial Integrated Baseline Review review exit criteria/close-out action items.
- . The IMS shall employ the same primary numbering system consistent with the CWBS and the resulting contractor extended CWBS.
- 3.7.1.3.7.8 The Government may reserve fields and/or require the contractor to use certain fields for specific information. The required reserved fields, at this time, in addition to those in 3.7.1.3.7.3 are EV% Complete, Physical % Complete, Risk #
- The IMS shall employ additional nomenclature and numbering systems that facilitate ready traceability to the Functional/Organizational elements (i.e., IPTs), contract Performance Statement of Work (SOW) paragraphs, and other significant organizational or management elements.
- 3.7.1.1.1/2 The Prime IMS shall include the efforts for all activities, including subcontractor, supplier and material procurement efforts. .Prime
 contractors are responsible for flowing down EVMS Requirements, and/or integrating IMS requirements contained in the prime contract to all
 subcontractors when applicable. The subcontractor Format 6 shall be attached to the Prime's submittal of Format 6.
- 3.7.1.3.6 Schedule Risk Assessments (SRA) shall be submitted as part of the IBR artifact delivery as an attachment to the IMS, and quarterly thereafter or in conjunction with agreed-upon program milestones. The initial submittal shall include a narrative describing the contractor's SRA process and how that process is reflected in the IMS. The SRA narrative shall identify and explain the validity of the risk percentages used in the assessment by WBS and for Critical Path Tasks. An SRA must accompany the contractor's request to initiate OTB/OTS planning or before implementation of significant cost and schedule resets, i.e, Single Point Adjustments. The government reserves the right to participate in the contractor's SRA process, providing input to risk assessments used in the SRA, at no cost to the government.
- The Contractor shall create a display in Government Fiscal Years as the default schedule view.
- Any/all external dependencies shall be included in the IMS and identified with unique coding/structure to facilitate separate analysis. All external dependencies shall be determined and documented no later than the conclusion of the initial management or baseline review. Any evolutionary changes occurring during the course of the contract that impact external dependencies shall be reflected in the monthly IMS analysis report and incorporated into the IMS as soon as feasible but no later than the next monthly submittal following identification of the change.
- The IMS shall reflect those retired or mitigated risk planning initiatives and funded risk mitigation activities identified and documented in the Contractor's Risk Management Plan.

	CONTRACT DATA REQUIREMENTS LIST (1 Data Item)										
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- The first submission of the IMS shall include narrative that provides the Basis and Assumptions (B&A) of the IMS. The B&A will support the IMS and provide a schedule for all program milestones and/or IMS events and document all associated programmatic schedule assumptions that were utilized in the development of the baseline plan (i.e., the ground rules and assumptions, historical data, experience on similar efforts, vendor schedules, number of work days per week, number of shifts, etc., used in estimating the task durations shown in the schedule).
- At a minimum, all subsequent monthly IMS submissions shall include a narrative schedule analysis identifying and communicating changes
 impacting the critical path within the Format 5 or as a standalone document. The schedule narrative shall address progress to date and discuss
 any significant schedule changes (i.e., any changes to the critical path, the next major milestone, significant logic revisions, programmatic schedule
 assumption changes, major work-around or recovery plans), as well as variances to the baseline schedule, Format 3, contractual finish date,
 causes for the variances, potential impacts, and recommended corrective actions. The monthly IMS narrative shall be included as part of the
 Format 5 IPMR submission.
- Format 7. All DI-MGMT-81861 (Mandatory) (Paragraph 3.8 Requirements apply):
- 3.8.1 Time phased data shall be consistent with the reporting levels in Format 1. Format 7 shall be submitted quarterly in accordance with DI-MGMT-81861.

BLOCK 10-13: The first IPMR submission is due within Twelve (12) business days after the end of the second full accounting period following contract award. Thereafter, the IPMR shall be required monthly. The first Format 6 and SRA are due twelve (12) business days after the end of the first full accounting period following contract award, thereafter Format 6 shall be submitted monthly in conjunction with the remaining formats in the IPMR. Subsequent, SRA submissions shall be submitted with the IPMR as agreed to during the post-award conference. All formats shall be submitted to the COR no later than 12 business days following the close of the contractor's accounting calendar month end.

Final IPMR submission is due when the last deliverable, as defined by the contract, has been achieved.

Blk.14: One copy formatted per DI-MGMT-81861 and one human readable format (Microsoft Excel/Word/Project preferred) as described in SOW Paragraph 3.1.3.1, Data Deliverables provided as specified in the CDRL Distribution List by electronic submission via SharePoint on the NSERC/SE2 website. One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website and delivery is required to the EVM-CR.

Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Artington, VA 22204302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TDP TM OTHER Х 0001 D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A006 Contract Work Breakdown Structure (CWBS) 5. CONTRACT REFERENCE 4. AUTHORITY (Data Acquisition Document No.) 6. REQUIRING OFFICE **DI-MGMT-81334D** SOW 3.1.2.1, 3.1.2.6 PMW/A 170 7. DD 250 REQ 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION a DIST 10 FREQUENCY STATEMENT REQUIRED b. COPIES See Block 16 See Block 16 I T 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION a. ADDRESSEE DRAFT FINAL N/A D N/A See Block 16 (N00039)16. REMARKS See Block 16 BLK 4: The CWBS shall be based on the WBS/Program Plan included at contract award. The contractor shall extend the WBS provided at contract award down to appropriate levels required to provide adequate internal management, surveillance, and performance measurement. The contractor shall submit its extended CWBS as part of its proposal response and use the extended CWBS in its proposal pricing submittals as appropriate. The Contractor deliver a Contract Work Breakdown Structure (CWBS) in accordance with DI-MGMT-81334 (current version) requirements except or as modified by the following instructions: 1. Part I INDEX: The CWBS will include a table mapping/correlating all CWBS elements to: a. The associated contract CLIN(s) and SOW paragraph(s) b. The contractor's responsible organizational/functional element(s) or Integrated Product Team(s) responsible for accomplishment of the CWBS element work scope (organizational/functional elements shall be

2. Part II CWBS Dictionary: The CWBS Dictionary shall provide a detailed description of every CWBS element and contractor task needed to fully articulate/communicate contract work scope. The task description will include summary identification of the organizational/functional or IPT resources to be applied. The CWBS elements shall be in the same order as the Part I Index. CWBS element numbers shall precede the CWBS element title/description.

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consistent with those reported on IPMR (Format 2)

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16.	REMARKS (Continued)											
	S 11, 12: The first submission nge/modification, subsequen						award. In the event the CWBS is revised by contract ge/modification.					
BLK	13: Subsequent submission	ns shall be ma	de ASREQ per	the foll	owing ins	stru	uctions:					
							/BS Dictionary element additions and/or major revisions.					
	BS Dictionary submissions s he CWBS shall be also be u				-		iomissions. ther meetings as requested by the Government.					
BLK	14: Microsoft Excel or Micro	osoft Word are	the preferred for	ormats	for CWB	S s	submissions.					
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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: OTHER X TDP TM 0001 D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR WAMS N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE 800A Conference Agenda and Minutes 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE PMW/A 170 DI-ADMN-81249B, DI-ADMN-SOW 3.1.2.1, 3.1.4, 3.1.4.2, 81250B 3.1.4.3, 3.1.5.1, 3.1.5.2, 3.1.5.3, 3.1.5.4, 3.1.5.5, 3.1.5.6, 3.2.1.4.1, 3.2.1.4.2, 3.2.1.4.3, 3.2.1.4.4, 3.2.1.4.5 12. DATE OF FIRST SUBMISSION 7 DD 250 REQ 9 DIST 10 FREQUENCY DISTRIBUTION STATEMENT REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a. ADDRESSEE DRAFT FINAL SUBMISSION N/A D N/A See Block 16 (N00039)16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCK 10, 12 & 13: Post-Award Conference, Production PMR, SRR, SDR, PDR< CDR, TRR, PRR and TIMs. ASREQ by the Government for conferences. The Contractor shall submit an agenda 5 days prior to conference. The Contractor shall submit meeting minutes within 10 days after conference. No Government response to the Report, within 15 days of submission, constitutes approval of the Report. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total G. PREPARED BY I. APPROVED BY H. DATE J. DATE See signature cover sheet See signature cover sheet

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IBR approach, CLIN/SOW scope coverage (including subcontractor scope and IBR approach), dates, duration, and preliminary IBR agenda.2. IBR entrance criteria. DCMA and the PMO IBR Lead/Facilitator will take the lead role in assessing contractor IBR readiness.

Pre-IBR support requirements including:

meeting. Agreement will be reached on:

- Advance IBR documentation/artifacts submittal requirements and schedule for delivery of artifacts.
- The Contractor shall provide a progress schedule, preferably MSProject of all of the IBR preparation tasks that need to be accomplished to achieve a successful review 10 calendar days after the IBR date is set.
- The Contractor shall participate in IBR coordination meetings, frequency to be determined. These meetings will be telecoms to discuss IBR preparation as the Contractor works through the detail planning of the scope of work. It will be used as a forum to coordinate the logistics of the review; discuss the status of the tasks on the IBR Preparation schedule mentioned above; and discuss the artifacts as they are being created so that expectations are met at the review.

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- Participation in Government pre-IBR Workshop activities (e.g., vendor may be asked to send 2-3 representatives (e.g., PM, SE Lead, Scheduler) to a Government pre-IBR workshop to provide 2-4 hours of PMB, IMS, IBR artifact and EVMS overview and data traces). This participation is in lieu of discussing the EVMS and processes as an agenda item at the IBR itself.

In situations where the entire work scope is not known in the 180 days, the IBR will be conducted in stages, such as Undefinitized Contract Actions (UCA) and NTE's. A review of the known work scope will be conducted within the 180-day window with follow-up IBRs scheduled at a later time for the work not yet completed in the context of the entire Performance Measurement Baseline.

Even when the UCA/NTE situations are not applicable, subsequent IBR(s) would be required if the program experiences major changes in requirements via contract modifications, a shift in major milestone events, major changes to the baseline, re-planning, or OTS/OTB. Deliverables shall be formatted ready to print on 8.5 x 11 or 11 x 17 paper. All electronic files submitted for IBR artifacts shall be complete representation of each document so no manipulation is required by the Government. Providing information which must be manipulated via pivot tables, for instance will result in artifacts being rejected and the IBR date compromised.

BLK 13: The date of any subsequent IBRs shall occur as soon as feasible but NLT dates to be mutually agreed upon following Government notification of its intent to convene an IBR.

BLKS 10, 12 & 13: The contractor shall submit advance IBR planning documentation and artifacts as follows:

- 1) 15 Working days after Contract Award:
 - a) EVMS System Description
 - b) Contractor's Accounting Calendar for the Contract's Period of Performance
 - c) Preliminary Program Organization Chart
 - d) Preliminary Contractor's Rolling Wave Plan (if applicable)
 - e) Preliminary Contract Work Breakdown Structure.
- 2) 45 working days before the conduct of IBR:
 - a) The Contract Work Breakdown Structure (CWBS) and CWBS Dictionary (as extended by the contractor per CWBS SOW Section 3.1.2.6 and CDRL A007 CWBS)
 - b) The contractor's Functional/Organizational Structure or IPT structure
 - c) The contract IMP, IMS, all supporting schedules which feed the IMS, and initial Schedule Risk Assessment (SRA).
 - d) The contractor's Final Rolling Wave detail planning schedule (if applicable)
 - e) The prime contractor's subcontractor management/integration plan (including subcontractor, contract type, scope, dollar value, P.O.P, applicable WBS/IPT elements, IBR plan, EVM/EVMS/IPMR integration plan)
 - f) The prime contractor's Intra-organizational work agreements, if applicable
 - g) The prime contractor's Preliminary Responsibility Assignment Matrix (RAM) (i.e., a list of Cost Account Managers (CAM) responsible for each CWBS element or lower level Control Account)
 - h) The prime contractor's EVMS program implementation plan (if required by contractor process, or if it drills to a more detailed level than the Corporate EVMS).
- 3) 20 working days before the conduct of IBR:
 - a) A quantified RAM identifying each CWBS element and all lowest level Control Accounts; the associated responsible CAM; and the associated PMB dollar and hour budgets (with all Control Account budgets summing to the total PMB to be presented at the IBR).
 - b) A data trace showing all Format 1 CWBS Integrated Program Management Report (IPMR) reporting level elements and their associated linkage to IPMR Format 2 (OBS/IPT) reporting elements, contract Statement of Work (SOW) paragraphs, CLINS, IMP/IMS numbering systems, and other key integrating management and control nomenclatures, as appropriate. This shall be submitted as presentation, preferably PowerPoint ready, requiring no manipulation by the government to read and print the data.
 - c) Final Organization Chart/IPT structure, identifying individuals at the working level.

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18.	REMARKS (Continued)					
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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. B. EXHIBIT A. CONTRACT LINE ITEM NO. C. CATEGORY: TDP TM OTHER 0001 Α D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A012 Status Report **CDRL Status Report** 5. CONTRACT REFERENCE 6. REQUIRING OFFICE 4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80368A SOW 3.1.2.5 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION STATEMENT b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION a. ADDRESSEE DRAFT FINAL Reg N/A D N/A See Block 16 (N00039)Repro 16. REMARKS See Block 16 BLOCK 4: Submissions shall be in Microsoft Excel editable electronic format. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. The CDRL Status Report shall include the following information: a. CDRL Number b. CLIN c. CDRL Title d. CDRL Establishment Date (contract/option exercised) e. CDRL Due Date **CDRL Delivery Date** f. Contractor Letter Number g. **Expected Government Response Date** h. Government Letter Number Government Response Date **CDRL Status** 1. Pending (due within 30 days) Late (delivery past due) In Government Review (within 30 days of delivery) Government response past due (response past due) List of CDRLs that must be submitted within the next thirty (30) days, in accordance with the contract BLOCK 12: The Contractor shall submit the report 90 calendar DACA. BLOCK 10 & 13: Subsequent submissions shall be submitted on a bimonthly basis (no later than 10 days after the end of the prior month). 15. Total Government has 30 days to review, comments to be incorporated 15 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. G. PREPARED BY H. DATE I. APPROVED BY J. DATE See signature cover sheet See signature cover sheet

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17. PRICE GROUP

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16. REMARKS (Continued)											
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17. PRICE GROUP

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CONTRACT DATA REQUIREMENTS LIST

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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract | PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TDP TM OTHER Χ 0001 Α D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A020 Interface Control Document (ICD) 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE **DI-SESS-81248B** SOW 3.2.1 PMW/A 170 7 DD 250 REQ 9. DIST 10. FREQUENCY 12 DATE OF FIRST SUBMISSION 14. DISTRIBUTION STATEMENT b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION DRAFT a. ADDRESSEE FINAL Reg Repro D N/A See Block 16 (N00039)16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10, 12 & 13: The contractor shall submit the document 45 days prior to CDR. If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Government has 30 days to review, comments to be incorporated 30 DARC BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total G. PREPARED BY H. DATE I. APPROVED BY J. DATE See signature cover sheet See signature cover sheet

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OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: TDP тм OTHER 0001 X MGMT D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 L3 TECHNOLOGIES, INC WAM 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A030 Technical Report - Study/Services Modem Testing Status Report 5. CONTRACT REFERENCE 6. REQUIRING OFFICE 4. AUTHORITY (Data Acquisition Document No.) **DI-MISC-80508B** SOW 3.2.1.3 PMW/A 170 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION REQUIRED LT b. COPIES AS REQ See Block 16 13. DATE OF SUBSEQUENT SUBMISSION 8. APP CODE 11. AS OF DATE a. ADDRESSEE DRAFT FINAL Repro Ε N/A (N00039)See Block 16 16. REMARKS See Block 16 BLOCK 13: The Contractor shall submit a Modem Testing Status Report 30 days after completion of Modem test. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total G. PREPARED BY H. DATE I. APPROVED BY J. DATE See signature cover sheet See signature cover sheet

CONTRACT DATA REQUIREMENTS LIST

ESTIMATED TOTAL PRICE

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CONTRACT DATA REQUIREMENTS LIST OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. B. EXHIBIT A. CONTRACT LINE ITEM NO. C. CATEGORY: OTHER X MGMT 0001 D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 L3 TECHNOLOGIES, INC WAM 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A031 System Security Plan and Associated Plans of Action for a Contractor's Internal Unclassified Information System 5. CONTRACT REFERENCE 4. AUTHORITY (Data Acquisition Document No.) 6. REQUIRING OFFICE DI-MGMT-82247 SOW 3.4.3 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION STATEMENT REQUIRED b. COPIES LT AS REQ 30 DACA 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a. ADDRESSEE DRAFT FINAL (N00039) Reg Repro Α Ε N/A See Block 16 16. REMARKS See Block 16 BLOCKS 10, 11, 12, 13: Initial, and all subsequent annual submissions, of SSP and Plans of Action (or appropriate extracts thereof) are submitted upon BLOCK 12: SSP and Plans of Action (or appropriate extracts thereof) submissions, initial and subsequent, are submitted upon request. Requests will indicate what specific information is required (e.g., list of requirements not yet met and associated plans of action; description of how all requirements are met and associated plans of action) BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

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OMB No. 0704-0188

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and II in its of this Contract 2.5, pg. 10-7 Requirement 1) The very manage as Capa or equivalent Docume 2) The des (a) Orgalogic configuration assurance. (b) Iden development product and audits; while requested. (c) Iden and maintain the	tification of venicesses for confi making the pro- tification of tools software and/or of planned hard prepared for the	lace with: "S ments List (ecurity Age "SRD)): ment the de L processes Model Integ ware Develo clude the fo cture to incl and software guration ma cess docum s to be used programm ware, softw e developm	Specific co CDRL) is ncy (NSA) velopment s, standard gration (CN opment Pr ollowing: ude software/program e and program e and program	antent and as follows as follows as follows at, modificates, and promote are/programmable looks able for results in use s.	format for a (ref: Section) ation, and actices (su urity Level scription ammable gic quality e logic assurance, eview, if e, to develo	on ch 3,	See Block 16				
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Page 45 of 118 Pages

CONTRACT DATA REQUIREMENTS LIST (1 Data Item) CONTRACTLINEITEMNO. B. EXHIBIT C. C ATEGORY: (see first page) OTHER SYSTEM/ITEM CONTRACTOR CONTRACT/PR NO. L3 TECHNOLOGIES, INC WAMS N00039-20-D-0065 16. REMARKS (Continued) (e) Description of the peer review process and products. (f) The methods used to acquire or auto-generate code; such as reuse, COTS, Open Source, GOTS, etc. (g) Describe the testing process (all levels from desk checking to Security Verification (SV) execution). (h) Provide "Coding Standards" and "Naming Conventions" employed." BLOCKS 10, 12 & 13: Submit 45 CD prior to System Requirements Review (SRR). BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: TDP тм OTHER 0001 D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 L3 TECHNOLOGIES, INC **WAMS** 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A037 Technical Report-Study/Services Software/Hardware Requirements Specification (SHRS) 6. REQUIRING OFFICE 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE **DI-MISC-80508B** SOW 3.4.6 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12 DATE OF FIRST SUBMISSION 14. DISTRIBUTION 9. DIST STATEMENT REQUIRED b. COPIES LT See Block 16 See Block 16 13. DATE OF SUBSEQUENT 8. APP CODE 11. AS OF DATE a ADDRESSEE DRAFT FINAL SUBMISSION Repro D N/A (N00039)See Block 16 16. REMARKS See Block 16 1. (BLK 4): a. Requirements: Paragraph 3. Contents. Delete Sections I and II in its entirety and replace with: "Specific content and format for this Contract Data Requirements List (CDRL) is as follows (ref: Section 2.6, pg. 11 - 12) of National Security Agency (NSA) Technical Security Requirements Document (TSRD)): 1) Contractor shall submit database, spreadsheet, table, etc. with sorting capabilities as such: a) Requirement Type with Identifier b) Government Security c) Vendor Derived d) Government Performance e) Vendor Performance f) Vendor value added capability 2) Requirement Description a) Allocation (1)Hardware (2)Programmable Logic (3)Software 15. Total G. PREPARED BY H. DATE I. APPROVED BY J. DATE See signature cover sheet See signature cover sheet

CONTRACT DATA REQUIREMENTS LIST

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OMB No. 0704-0188

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16.	REMARKS (Continued)						
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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuir Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: TDP TM OTHER Х 0001 D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM A038 Technical Report-Study/Services Software/Hardware Design Description (SHDD) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE 4. AUTHORITY (Data Acquisition Document No.) SOW 3.4.6 **DI-MISC-80508B** PMW/A 170 7. DD 250 REQ 9. DIST 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION STATEMENT REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a. ADDRESSEE DRAFT Repro Α D N/A See Block 16 (N00039)16. REMARKS See Block 16 1. (BLK 4): a. Requirements. Paragraph 3. Contents. Delete Sections I and II in its entirety and replace with: "Functional Diagram Information - Functional block diagram depicting processors, INFOSEC boundary, cryptographic boundary, Red I/O, Black I/O, fill any other functional block that is contained boundary. Identify implementation of each functional block (HW/SW/PL). b. Data Flow Information shall include: (1) Diagram identifying each data flow (User data, Bypass, Control) (b)(3)15. Total G. PREPARED BY H. DATE I. APPROVED BY J. DATE

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16.	REMARKS (Continued)												
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2010 and Acrobat Reader."

BLOCKS 10, 12 & 13: Submit 45 CD prior to Preliminary Design Review (PDR). Submit 45 CD prior to Critical Design Review (CDR). Update as required or by Procurement Contracting Officer (PCO) direction.

BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

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data needed, and completing burden, to Department of Defo of Management and Budget.	and reviewing the collection of ense, Washington Headquarte	information. Sen rs Services, Direct 0704-0188), Was	d comments regard torate for Informatio	ling thus burden e on Operations and	estimate or any other I Reports, 1215 Jeffe	aspect of this erson Davis F	searching existing data sources, collection of information, including highway, Suite 1204, Arlington, V. lese addresses. Send completed	ng suggestion: A 22202-4302	s for reduc and to the	ing this e Office		
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entirety and Data Requi	nents: Paragraph I replace with: "S rements List (CD thly report shall pailable:	pecific cor RL) is as to (b)(3	ntent and fo follows (ref	ormat for t	his Contrac 2.8, pg., 15	t						
2) The Initial Software and Programmable Logic Evaluation Report (SPLER) shall include the most current results and the date of the last run of static analysis tool, and shall include at a minimum the following information: 15. Total 15. Tot												
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C.	SYSTEM/ITEM WAMS	D. CONTRACT/PR NO. E. CONTRACTOR N00039-20-D-0065 L3 TECHNOLOGIES, INC
16.	(b) Version/Build descriptio (c) List of tools or analysis (d) For each tool or analysi cited in section	used s, provide a final analysis of the S/W Issues (b)(3)
	software/programmable log	port is required at the completion of the gic integration phase where the software and integrated with the host hardware. (b)(3)
		(b)(3)
	Verification Test (SVT) and Software Code with instruc	omit 45 CD prior to Critical Design Review (CDR). Submit 30 CD after the completion of Security I Physical Configuration Audit (PCA). This delivery shall include the as-built Source and Executable tions that represent the final signed-software. Submit the first monthly submittal 60 CD after CDR. provided to PMW/A 170 via SharePoint on the

Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arigngton, VA 2202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TM OTHER 0001 Χ D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 **WAMS** L3 TECHNOLOGIES, INC 3. SUBTITLE 1. DATA ITEM NO. 2. TITLE OF DATA ITEM A040 Technical Report-Study/Services Key and Certificate Management Plan (KCMP) 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE **DI-MISC-80508B** SOW 3.4.6 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION 9. DIST STATEMENT REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a. ADDRESSEE DRAFT FINAL SUBMISSION Repro D N/A See Block 16 (N00039)16. REMARKS See Block 16 1. (BLK 4): (b)(3)15. Total

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CONTRACT DATA REQUIREMENTS LIST (1 Data Item) CONTRACTLINEITEMNO. B. EXHIBIT C. C ATEGORY: (see first page) OTHER TD P SYSTEM/ITEM CONTRACT/PR NO. CONTRACTOR L3 TECHNOLOGIES, INC WAMS N00039-20-D-0065 16. REMARKS (Continued)

- b. All electronic deliveries must be without restrictions that would prevent the Government from reproducing or editing the information. Electronic deliveries must be submitted in Word format and/or compatible with Microsoft Office Suite 2010, Microsoft Project 2010 and Adobe Acrobat Reader.
- c. All pictures and diagrams must be converted to Joint Photographic Experts Group (JPG) or similar formats.

BLOCKS 10, 12 & 13: Submit no later than (NLT) 45 calendar days (CD) prior to Preliminary Design Review (PDR). Submit NLT 45 CD prior to Critical Design Review (CDR). Submit NLT 30 CD prior to Security Verification Test (SVT).

BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract | PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TDP тм OTHER Х 0001 Α D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A041 Configuration Audit Plan Information Assurance Physical Configuration Audit Plan (IAPCAP) 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE **DI-SESS-81646** SOW 3.4.6 PMW/A 170 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION DRAFT a. ADDRESSEE FINAL Reg Repro D N/A See Block 16 (N00039)16. REMARKS See Block 16 1. (BLK 4): a. For further guidance, (b)(3)b. All electronic deliveries must be without restrictions that would prevent the Government from reproducing or editing the information. Electronic deliveries must be submitted in Word format and/or something compatible Microsoft Office Suite 2010, Microsoft Project 2010 and Adobe Acrobat Reader. BLOCKS 10, 12 & 13: Submit 60 calendar days (CD) prior to Physical Configuration Audit (PCA). BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total G. PREPARED BY H. DATE I. APPROVED BY J. DATE See signature cover sheet See signature cover sheet

17. PRICE GROUP

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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Artington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract | PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TDP тм OTHER 0001 Α D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A042 Configuration Audit Summary Report Physical Configuration Audit Report (PCAR) 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE **DI-SESS-81022D** SOW 3.4.6 PMW/A 170 7 DD 250 REQ 10. FREQUENCY 12 DATE OF FIRST SUBMISSION 14. DISTRIBUTION 9. DIST STATEMENT REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION DRAFT a. ADDRESSEE FINAL Repro D N/A See Block 16 (N00039)16. REMARKS See Block 16 1. (BLK 4): (b)(3)(1) Audit identification including the name and nomenclature of the system (2) Sub-system, equipment, parts; name of the Vendor, and date the PCA was conducted (3) List of all documentation subjected to the PCA, along with agreed-upon revision levels, assembly description, SW/FW/HDL identification numbers and serial numbers (4) List of all unincorporated changes in drawing/SW/FW/HDL number order b. For further guidance, (b)(3)c. All electronic deliveries must be without restrictions that would prevent the Government from reproducing or editing the information. Electronic deliveries must be submitted in Word format and/or something compatible with Microsoft Office Suite 2010, Microsoft Project 2010 and Adobe Acrobat Reader. BLOCKS 10, 12 & 13: Submit NLT 30 calendar days after PCA. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total G. PREPARED BY H. DATE I. APPROVED BY J. DATE See signature cover sheet See signature cover sheet

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16.	REMARKS (Continued)						
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4. AUTHORITY (Data Ad	quisition Document No	p.)	5. CONTRAC	CT REFERENCE		6. REQUIRING OFFICE					
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1. (BLK 4): a. Requirements. Paragraph 3. Format. Add: "Contractor's format is acceptable." b. All electronic deliveries must be without restrictions that would prevet the Government from reproducing or editing the information. Electronic deliveries must be submitted in Word format and/or something compatil with Microsoft Office Suite 2010, Microsoft Project 2010 and Adobe Acrobat Reader. BLOCKS 10, 12 & 13: Submit no later than (NLT) 30 calendar days (Ciprior to Security Verification Test (SVT). BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.							See Block 16				
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CONTRACT DATA REQUIREMENTS LIST

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ESTIMATED TOTAL PRICE

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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TM OTHER 0001 D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A054 Technical Report - Study/Services System Security Analysis 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE **DI-MISC-80508B** SOW 3.5.2.1 PMW/A 170 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION a. ADDRESSEE DRAFT FINAL Reg D N/A See Block 16 (N00039)16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10, 12 & 13: The contractor shall submit the SSA 45 days prior to If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Government has 30 days to review, comments to be incorporated 10 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

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Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. C. CATEGORY: A. CONTRACT LINE ITEM NO. **B. EXHIBIT** TDP TM X OTHER 0001 Α D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A062 Technical Report - Study/Services PDF Assembly of a Single Technical Manual 5. CONTRACT REFERENCE 6. REQUIRING OFFICE 4. AUTHORITY (Data Acquisition Document No.) **DI-MISC-80508B** SOW 3.5.5 PMW/A 170 7. DD 250 REQ 12. DATE OF FIRST SUBMISSION 10 FREQUENCY 14. DISTRIBUTION 9 DIST STATEMENT REQUIRED b. COPIES LT See Block 16 See Block 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a ADDRESSEE DRAFT FINAL SUBMISSION Reg Repro D N/A See Block 16 (N00039)16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10 & 12: The Contractor shall submit 10 days prior to IPRs, V&V, and final delivery shall occur 30 days prior to EDM delivery. BLOCK 13: Updates to the CDRL submittal are required within 30 days if: changes to the EDM or production baseline occurred (e.g., design change to correct requirements compliance determined during testing) that affect the CDRL. Updated CDRL submissions shall be submitted with change bars. If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Government has 30 days to review, comments to be incorporated 10 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSFRC/SF2 website.

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Page 81 of 118 Pages

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CONTRACT DATA REQUIREMENTS LIST

G. PREPARED BY

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17. PRICE GROUP

CONTRACT DATA REQUIREMENTS LIST

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17. PRIO GROUP

18. ESTIMATED TOTAL

CONTRACT DATA REQUIREMENTS LIST

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17. PRICE GROUP 18. ESTIMATED TOTAL PRICE

Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: OTHER X TDP TM 0001 D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 **WAMS** L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE **880A** Quality Assurance Program Plan 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE DI-QCIC-81794 SOW 3.6.6 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION STATEMENT REQUIRED b. COPIES See Block 16 See Block 16 LT 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a. ADDRESSEE DRAFT FINAL Reg Repro D (N00039)Α N/A See Block 16 16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10, 12 & 13: The contractor shall submit the Quality Assurance Program Plan 2 MACA. BLOCK 13: Updates to the CDRL submittal are required within 30 days if: changes to the EDM or production baseline occurred (e.g., design change to correct requirements compliance determined during testing) that affect the CDRL. Updated CDRL submissions shall be submitted with change bars. If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Delivery of any software architecture/software tool, as required Government has 30 days to review, comments to be incorporated 10 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total

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CONTRACT DATA REQUIREMENTS LIST

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CONTRACT DATA REQUIREMENTS LIST OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract | PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: OTHER X 0001 D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR **WAMS** N00039-20-D-0065 L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE Test/Inspection Report A093 **DVT Test Report** 6. REQUIRING OFFICE 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE **DI-NDTI-80809B** SOW 3.8.1.1 PMW/A 170 7 DD 250 REQ 10 FREQUENCY 12. DATE OF FIRST SUBMISSION 14 DISTRIBUTION 9 DIST STATEMENT REQUIRED LT b. COPIES See Block 16 See Block 16 8. APP CODE 13. DATE OF SUBSEQUENT 11. AS OF DATE a. ADDRESSEE DRAFT D N/A See Block 16 (N00039)Α 16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10, 12 & 13: The contractor shall submit test report 30 days after completion of the DVT test. BLOC 13: Updates to the CDRL submittal are required within 30 days if: changes to the EDM or production baseline occurred (e.g., design change to correct requirements compliance determined during testing) that affect the CDRL. Updated CDRL submissions shall be submitted with change bars. If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Government has 30 days to review, comments to be incorporated 10 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

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ESTIMATED TOTAL

Form Approved **CONTRACT DATA REQUIREMENTS LIST** OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract IPR No. listed in Block E. **B. EXHIBIT** A. CONTRACT LINE ITEM NO. C. CATEGORY: TDP ТМ OTHER Х 0001 D. SYSTEM|ITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 L3 TECHNOLOGIES, INC **WAMS** 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE Level of Repair Analysis (LORA) Report A094 5. CONTRACT REFERENCE 4. AUTHORITY (Data Acquisition Document No.) 6. REQUIRING OFFICE **DI-PSSS-81872A** SOW 3.10.2 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 9. DIST DISTRIBUTION STATEMENT REQUIRED b. COPIES See Block 16 See Block 16 LT 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION a. ADDRESSEE DRAFT FINAL Reg D N/A See Block 16 (N00039)16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10, 12 & 13: The contractor shall submit 30 days prior to PDR and CDR. BLOCK 13: Updates to the CDRL submittal are required within 30 days if: changes to the production baseline occurred (e.g., design change to correct requirements compliance determined during testing) that affect the CDRL. Updated CDRL submissions shall be submitted with change bars. If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Government has 30 days to review, comments to be incorporated 10 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website.

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CONTRACT DATA REQUIREMENTS LIST OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding thus burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract |PR No. listed in Block E. A. CONTRACT LINE ITEM NO. **B. EXHIBIT** C. CATEGORY: TM OTHER X TDP 0001 Α D. SYSTEMITEM E. CONTRACT/PR NO. F. CONTRACTOR N00039-20-D-0065 **WAMS** L3 TECHNOLOGIES, INC 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE A097 Software Transition Plan (STRP) 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE DI-IPSC-81429A SOW 3.10.8 PMW/A 170 7. DD 250 REQ 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION 9. DIST STATEMENT REQUIRED b. COPIES LT See Block See Block 16 16 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT a. ADDRESSEE DRAFT FINAL SUBMISSION Reg Repro Α D N/A See Block 16 (N00039) 16. REMARKS See Block 16 BLOCK 4: Submissions shall be in electronic format. Contractor format is acceptable. The submittals shall not contain embedded files. If a submission has 10 or greater attachments, the submittal shall contain an index in Excel format, listing the file name and description of each attachment. BLOCKS 10, 12 & 13: The contractor shall submit the Software Transition Plan 30 days prior to first EDM delivery. If submittals are required as part of an Engineering Services effort, delivery will be as specified in the Task Order. Updated CDRL submissions shall be submitted with change bars. Government has 30 days to review, comments to be incorporated 10 DARC. BLOCK 14: One soft copy provided to PMW/A 170 via SharePoint on the NSERC/SE2 website. 15. Total

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CONTRACT DATA REQUIREMENTS LIST

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16.	REMARKS (Continued)					
	Government has 30 calend 14 calendar DARC.	ar days to revie	w CDRL. The	contract	or shall in	ncorporate Government comments and resubmit CDRL
						(b)(6) @navy.mil. For all files over 8 MB: https://safe.amrdec.army.mil/safe/Welcome.aspx.
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